

ORUDZHEV, S.A.; TIMOPEYEV, N.S.; MZAREULOV, D.K.

Petroloum production in Japan. Neft. khoz. 41 no.2:64-70
F '63. (MIRA 17:8)

TIMOFEYEV, N.S.; MARKOV, O.A.; BELORUSSOV, V.O.

Determining the index of the anisotropy of rocks taking into account
the orientation of the well bore. Neft.khoz. 41 no.10:22-26
0 '63. (MIRA 17:4)

VAL'DBERG, A.Yu., inzh.; ZAYTSEV, M.M., inzh.; PADVA, V.Yu., inzh.;
TEPLITSKIY, V.I., inzh.; TIMOFEYEV, N.S., inzh.

Results of comparative tests of cone cyclones with a spiral gas
supply. Khim. i neft. mashinostr. no.6:3-5 D '64
(MIRA 18:2)

ALIKHANOV, E.N.; ASAN-NURI, A.O.; KULIYEV, I.P.; MAMEDOV, B.M.;
ORUDZHEV, S.A.; TIMOFEYEV, N.S.

Off-shore oil of the U.S.S.R. Neft. khoz. 42 no.9/10;
46-51 S-O '64.

(MIRA 17:12)

TIMOFEYEV, N.S.

Problems of drilling and the role played in their solution by
lightened drilling strings. Trudy VNIIF no.12:3-7 '64. (MIRA 18:4)

TIMOFEEV, N.S.; SHTAMBURG, V.F.

Designing drilling pipes made from light alloys for various
drilling conditions. Trudy VNIIBI no.12:48-56 '64. (MIRA 18:4)

TIMOFUYEV, I.S.; SHTAMBERG, V.F.

Brief account of the results of scientific-research and experimental-structural work on the manufacture of drilling pipes from aluminum alloys. Neft. khoz. 42 no.12:1-6 D '64
(MIRA 18:2)

BUYANOVSKIY, N.I.; KARAYEV, A.K.; KULIYEV, S.M.; RUSTAMBEKOV, T.F.;
STRIZHOV, N.I.; TIMOFEYEV, N.S.; SHATSOV, N.I.

Technical progress in the drilling of oil and gas wells over
the last one hundred years. Neft. khoz. 42 no.9/10:99-106
S-0 '64. (MIRA 17:10)

TIMOFEEV, H.S., doktor tekhn.nauk; KULIYEV, I.P., doktor tekhn.nauk

First International Congress "Petroleum and the Sea" held in
Monte Carlo. Vest. AN SSSR 35 no.10:113 O '65.

(MIRA 18:10)

TIMOFEYEV, N.S., dotsent (Leningrad)

Symposium on jejunogastroplasty in gastrectomy and resection of
the stomach. Vest. khir. 91 no.9:134-136 S'63. (MIRA 17:4)

TIMOFEYEV, N.S., dotsent (Leningrad, P-10, ul. Savushkina, d.12, kv.70)
IVANOVA, Ye.V.; PLETNEVA, V.A.

Acute intestinal obstruction following appendectomy and its
treatment. Vest. Khir. 91 no.10:57-61 0 '63.

(MIRA 17:7)

1. Iz Leningradskogo okruzhnogo voyennogo gospitalya i 2-y
fakul'tetskoy khirurgicheskoy kliniki (nachal'nik - prof.
A.V. Mel'nikov [deceased]) Voyenno-meditsinskoy ordena Lenina
akademii imeni Kirova.

ANGELEVICH, M.M.; TIMOFEYEV, N.Ya., redaktor; TOMSON, G.V., redaktor;
ATGOPOVICH, H.K., tekhnicheskij redaktor.

[Electrodes] Elektrody. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1953. 63 p.

[Microfilm] (MLRA 7:12)

(Electrodes)

TIMOFEYEV-RESOVSKAYA, Ye.A.; TIMOFEYEV-RESOVSKIY, N.V.; GETSOVA,
A.B.; GILEVA, E.A.; ZHAROVA, T.V.; KULIKOVA, G.M.;
MILYUTINA, G.A.

Coefficients of the accumulation of radioisotopes of strontium,
ruthenium, cesium, and cerium by fresh-water organisms. Zool.
zhur. 39 no. 10:1449-1453 0 '60. (MIRA 13:11)

1. Department of Biophysics, Ural Branch of the U.S.S.R.
Academy of Sciences, Sverdlovsk.
(Fresh-water biology) (Radioactive substances)

TIMOFEYEV, N.V., prof. (Moskva)

Meniere's disease. Vest.otorin. 20 no.2:35-42 Mr-Ap '58.
(MIRA 12:11)

(MENIERE'S DISEASE
pathogen. & manifest. (Rus))

L 8504-66 EWT(m)/EWP(v)/EWP(j)/T/ETC(m) WW/RM

ACC NR: AP5028477 SOURCE CODE: UR/0286/65/000/020/0063/0063

AUTHORS: Retner, I. S.; Volovich, Z. M.; Baklanov, G. M.; Kulakovskiy, V. A.;
 Gorskiy, B. Z.; Volk, A. I.-Kh.; Andreyev, A. A.; Arkizhovskiy, V. N.; Timofeyev, N.
 Yegor Meytin, R. Ya.

ORG: none

TITLE: A device for saturating fibrous reinforcing materials with a binder. Class 39, No. 175641

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 63

TOPIC TAGS: bonding material, industrial instrument, mechanical motion instrument

ABSTRACT: This Author Certificate presents a device for saturating fibrous reinforcing materials with a binder. The device contains a mechanism for moving the material over a rigid base and a working percussion instrument. The latter is set into reciprocating motion in a plane normal to the motion of the material. To increase the productivity of the device while improving the saturation quality, the working instrument consists of spring-loaded plates mounted on a common traverse. Elastic supports are fixed to that side of the plates which is toward the material being worked.

SUB CODE: 13/ SUBM DATE: 13Dec62

BVIY Card 1/1 UDC: 678.026.2

L. 45889-66 EWT(m)/ENP(j)/T IJP(c) NW/RM
ACC NR: AP6024049 (A) SOURCE CODE: UR/0191/66/000/005/0032/0033

AUTHOR: Volk, A. I.; Shtern, K. A.; Timofeyev, N. Ya.; Veprinskaya, M. N. 41
B

ORG: none 15

TITLE: Effect of certain initiating systems on the setting of a binder for sheet fiber-glass reinforced plastics 15

SOURCE: Plasticheskiye massy, no. 5, 1966, 32-33

TOPIC TAGS: polyester resin, peroxide, copolymerization, reinforced plastic, polymerization initiator

ABSTRACT: The purpose of the work was to determine the type and amount of initiating admixtures promoting the copolymerization of polydiethylene glycol maleate phthalate resin with styrene (PN-1 resin) at 80-85°C. Combinations of pairs of peroxy compounds were chosen such that the activity of one peroxide manifested itself at a moderate temperature (70-80°C), and the activity of the other, at 100-120°C. Thus, the heat evolved by the action of the first, more active peroxide, leads to the initiation of the polymerization reaction by the second peroxide, whose decomposition temperature is higher. The following pairs were employed: benzoyl peroxide (BP) - methyl ethyl ketone peroxide (MEKP); BP - cyclohexanone peroxide (CHP); BP - cumene hydroperoxide (CHP). Graphs of variation of the temperature in the sample with time, characterizing the course of the exothermic process of copolymerization, were plotted. In all

UDC: 678.744.5.06-419.8:677.521:678.044.5

Card 1/2

L 45889-66

ACC NR: AP6024049

cases, the use of pairs of peroxy compounds caused a faster setting of the polyester binder than in the case of each peroxide individually, and the ultimate strength in static bending was increased. The data obtained may be utilized in the manufacture of sheet fiber-glass reinforced plastics. Orig. art. has: 3 figures and 1 table.

SUB CODE: 11/ SUBM DATE: none/ OTH REF: 003 / SOV REF: 001

Card 2/2 LC

TIMOFEEV, O.A.

PHASE I BOOK REPRODUCTION SOV/4983

International symposium on macromolecular chemistry, Moscow, 1960.
Mezhduvedybye simpozium po makromolekulyarnoy khimii, SSSR, Moskva, 14-18 iyunya 1960 g; doklady i svyaznyye s nimi. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18, 1960. Papers and Summaries) Section II. [Moscow, Izd-vo AN SSSR, 1960] 599 p. 5,500 copies printed.
Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Tech. Ed.: T.A. Pruslova.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

CONTENTS: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or induced by radiation. Among the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolation. There are summaries in English, French and Russian. No personalitis are mentioned. References follow each article.

Table listing authors and page numbers for various articles on polymerization, such as 'Inhibition of Polymerization by Aromatic Compounds', 'Kinetics of the Inhibition of Polymerization of Styrene by Nitro Compounds', etc.

15.9210

75679
SOV/80-32-10-28/51

AUTHORS: Klebanskiy, A. L., Timofeyev, O. A.

TITLE: Emulsion Copolymerization of Hexafluorobutadiene With Diene Compounds. Communication II

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 10, pp 2294-2299 (USSR)

ABSTRACT: The study deals with the comparison of the reactivity constants of solution copolymerization and emulsion copolymerization of chloroprene with hexafluorobutadiene, and with the characteristics of copolymers thus obtained. The experimental part was described previously by the authors (in this journal, 1959, Vol 32, Nr 9). Esteramine (ester of diethylaminoethanol and lauric acid) was found to be the most suitable emulsifying agent, at an optimum concentration of 5%. The rate of polymerization increased with the acidity of the water phase; the optimum value was pH = 3. The optimum ratio of the water phase of the monomer mixture was 2:1. Among copolymerization catalysts, $K_2S_2O_8$ was the most effective. The rate of polymerization increased with catalyst concentration; it depended also on

Card 1/3

Emulsion Copolymerization of Hexafluorobutadiene
With Diene Compounds. Communication II

75679
SOV/80-32-10-28/51

the initial ratio of the monomers. The reaction slowed down with the increasing hexafluorobutadiene content, and increased with rise in temperature. The polymerization constants of emulsion and solution copolymerization determined on the basis of experimental data had practically the same value; this confirmed the authors' assumption that these constants do not depend on the manner in which the copolymerization is conducted. It was also established that the tendency to the alternation of chloroprene and hexafluorobutadiene molecules in the copolymer, as well as the tendency of hexafluorobutadiene molecules to join together, increased with the concentration of hexafluorobutadiene in the initial monomer mixture. Copolymers of hexafluorobutadiene with fluoroprene, isoprene, and chloroprene vulcanized at a high rate. It would be of interest, therefore, to investigate the feasibility of vulcanizing fluorinated olefins by incorporation in the chain of small amounts of hexafluorobutadiene as vulcanization inducing agent. V. N. Kartsev and F. Ye. Berman cooperated in the preparation of copolymer samples. There are 10 figures; and 1 references,

Card 2/3

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Emulsion Copolymerization of Hexa-
fluorobutadiene With Diene Compounds.
Communication II

75679
SOV/80-32-10-28/51

1 U.S., and 3 Soviet. The U.S. reference is F. R. Mayo,
Ch. Walling, Chem. Rev., 46, 2, 191 (1950).

SUBMITTED: August 9, 1958

Card 3/3

ACCESSION NR: AP4013511

S/0181/64/006/002/0493/0498

AUTHORS: Mostovskiy, A. A.; Timofeyeva, L. G.; Timofeyev, O. A.

TITLE: Effect of deviation from stoichiometric proportions in compounds of antimony and arsenic with members of the sulfur group (sulfide type) on the photoelectric properties of sputtered films of these compounds

SOURCE: Fizika tverdogo tela, v. 6, no. 2, 1964, 493-498

TOPIC TAGS: stoichiometry, sulfur group, sulfide, selenide, arsenic sulfide, arsenic selenide, antimony sulfide, photoelectric effect, sputter, sputtered film, amorphous layer, photoconductivity, time constant, current carrier, carrier concentration

ABSTRACT: The authors have studied amorphous layers of Sb_2S_3 , As_2S_3 , and As_2Se_3 . They have discovered that, along with the known effect in amorphous semiconductors (change in conductivity and activation energy of current carriers), deviation from stoichiometry in any of these compounds causes a well-defined change in the kinetics of photoconductivity. Decrease in S or Se content affects the conductivity and sensitivity differently. In Sb_2S_3 the values increase, in As_2S_3 the change is

Card 1/2

ACCESSION NR: AP4013511

slight, and in As_2Se_3 they decrease. The activation of current carriers in layers of Sb_2S_3 and As_2Se_3 , in the same range of stoichiometric deviation in which the conductivity was measured, was found to change approximately by 0.2 and 0.25 ev. With constant concentration of current carriers, the conductivity should increase approximately 60 and 120 times, respectively. Actually the increase was greater (270 and 320 times), but the change in mobility of current carriers with change in composition did not appear large. All the investigated samples showed a monotonous decrease in time constant of photoconductivity with decrease in S or Se content. These results lead the authors to conclude that changes in kinetics of photoconductivity are connected with effects of deviations from stoichiometric proportions on the concentration of trapping levels in amorphous semiconductors. Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 27Apr63

DATE ACQ: 03Mar64

ENCL: 00

SUB CODE: PH

NO REF SOV: 006

OTHER: 000

Card 2/2

MOSTOVSKIY, A.A.; TIMOFEYEVA, L.G.; TIMOFEYEV, O.A.

Effect of stoichiometric deviations in antimony and arsenic chalcogenides on the photoelectric properties of films obtained by vaporization of these compounds. Fiz. tver. tela 6 no.2:493-498 F '64.
(MIRA 17:2)

5.3831

77350
SOV/79-30-1-11/78

AUTHORS: Klebanskiy, A. L., Tlmofeyev, O. A.

TITLE: Copolymerization of Hexafluorobutadiene With Dienes
in Solution

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 1,
pp 60-67 (USSR)

ABSTRACT: Copolymerization of hexafluorobutadiene with chloroprene,
fluoroprene, and isoprene was studied. Copolymerization
of hexafluorobutadiene with chloroprene proceeds faster
in polar solvents (chloroform, chlorobenzene) because
they facilitate the orientation of molecules, and
this, probably, increases the rate of polymerization.
Benzoyl peroxide and the dinitrile of azoisobutyric
acid are the most effective initiators for this
type of copolymerization. The effect of the ratio of
monomers in the starting mixture on the rate of
polymerization is shown in Fig. 5.

Card 1/5

Copolymerization of Hexafluorobutadiene
With Dienes in Solution

77350
SOV/79-30-1-11/78

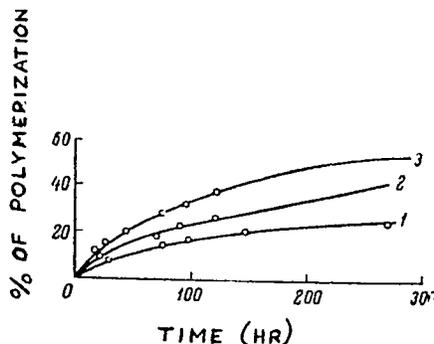


Fig. 5. Dependence of rate of polymerization on initial ratio of monomers. Ratio of monomer:benzene = 1:1; temperature 50°; initiator, hydrogen peroxide of isopropylbenzene (0.6 molar %). Ratio of chloroprene:hexafluorobutadiene (1) 2.5:7.5; (2) 5.0:5.0; (3) 7.5:2.5.

Card 2/5

Copolymerization of Hexafluorobutadiene
With Dienes in Solution

77350
SOV/79-30-1-11/78

The more hexafluorobutadiene in the starting mixture, the more of it is found in the copolymer. Copolymerization of hexafluorobutadiene with chloroprene carried out at 40, 50, and 60° indicates that rising temperature (60°) increases the rate of copolymerization. But temperature has only a slight effect on the composition of copolymer. The rate of copolymerization of fluoroprene-hexafluorobutadiene and isoprene-hexafluorobutadiene, taken in ratios 7.5:2.5, 5.0:5.0, and 2.5:7.5, decreases with the increase of hexafluorobutadiene in the starting mixture. The constants of the copolymerization of the monomers studied are: chloroprene-hexafluorobutadiene, $r_1 = 5.47$, $r_2 = 0.10$; fluoroprene-hexafluorobutadiene, $r_1 = 2.93$, $r_2 = 0.24$; isoprene-hexafluorobutadiene, $r_1 = 1.19$, $r_2 = 0.78$. The comparative activities of monomers and radicals are shown in Table A.

Card 3/5

Copolymerization of Hexafluorobutadiene
With Dienes in Solution

77350
SOV/79-30-1-11/78

TABLE A

MONOMERS	RADICALS			
	HEXAFLU- OROBUTA- DIENE	ISO- PRENE	FLURO- PRENE	CHLORO- PRENE
Chloroprene	10.0	7.52	4.55	1.00
Fluoroprene	4.18	—	1.00	0.31
Isoprene	1.27	1.0	—	0.28
Hexafluorobutadiene . .	1.00	0.84	0.34	0.18

Card 4/5

Copolymerization of Hexafluorobutadiene
With Dienes in Solution

77350
SOV/79-30-1-11/78

Increase in the activity of chloroprene in comparison with butadiene is due to the polar chlorine atom, which upon introduction into the butadiene molecule disturbs its symmetry and causes the displacement of its electron density and polarization of the molecule. The dipole moment of the molecule is 1.42 D. The shift of the electron density is due to conjugation of π -electrons of the double bond with localized electrons of the chlorine atom. As a result of strong polarization, the molecules are mainly oriented in a 1,4 manner and are more active in the polymerization than butadiene molecules. The same is true in the case of fluoroprene, but the latter is less active than chloroprene. According to their activity, the investigated monomers can be arranged in the following order: chloroprene > fluoroprene > isoprene > hexafluorobutadiene. There are 14 figures; 1 table; and 6 references, 4 Soviet, 2 U.S. The 2 U.S. references are: Carothers, J. Am. Chem. Soc., 54, 4070 (1932); Simha, R., Wall, L. A., Research Natl. Bur. Standards, 41, 521 (1948).

SUBMITTED:

August 9, 1958

Card 5/5

ACC NR: AT7004459

SOURCE CODE: UR/2834/66/051/001/0013/0018

AUTHORS: Timofeyev, O. V.; Ogorodnikov, Yu. M.

ORG: none

TITLE: The effect of rock bolts on the stability of drifts in thick beds of weak coal (as investigated in models)

SOURCE: Leningrad. Gornyy institut. Zapiski, v. 51, no. 1, 1966, 13-18

TOPIC TAGS: mining engineering, pressure effect, scale model, underground facility

ABSTRACT: Current practice recommends that roof bolts be used only in rocks having a strength of at least 3 on the scale of M. M. Protod'yakonov. The authors have considered the possibility of using rock bolts in much weaker rocks, particularly in coal mines. Comparison of their results with actual mine conditions, using models, shows that in drifts along weak jointed rocks (0.3--0.5 on the scale of Protod'yakonov), when the beds are tilted, perhaps steeply, failure of rocks about the periphery of unsupported workings begins primarily at the sides. This is very clearly seen in workings with arched cross sections. The use of rock bolts under these conditions substantially increases stability of the working only if the bolts are set in the walls as well as in the roof. When wall rocks are unstable, the cross section of the working is most effectively shaped like a horseshoe. To prevent

Card 1/2

UDC: 622.833+622.281

ACC NR: AT7004459

spalling of rock between bolts, it is necessary to attach tie beams and cross supports. Considering that rock bolts have pliability and permit diminution of 15--20% in the cross section of a working, it is necessary to design cross supports that permit some shift relative to the bolts as the perimeter of the working contracts. The spalling rock in zones of unsupported walls and roof have a curved, arcuate form, the crest of the arch deviating from the vertical toward the hanging wall of the bed. The load on the bolt in the rock may be determined fairly closely by any hypothesis of stresses in an arch. The initial section of a drift should be planned with an allowance of 15--20%. Rock bolts, despite the development of fractures and displacement in rocks adjacent to the surface in mine workings, may produce very satisfactory maintenance of drifts in weak fractured rocks. Observations in coal mines confirm the model studies. The work on models has provided a basis for computing the parameters of rock bolts and the rating of supports in mine drifts in the Prokop'yev region of the Kuznetsk Basin. Orig. art. has: 3 figures.

SUB CODE: 08/

SUBM DATE: none/

ORIG REF: 001

Card 2/2

TIMOFEYEV, O.V.

Methods of calculating the locking of metal slot and wedge
type rods. Zap. LGI 48 no.1:87-92 '63. (MIRA 17:8)

YEMEL'YANOV, B.I., inzh., TIMOFEYEV, O.V., inzh.; VOLZHSKIY, V.M., inzh.,
OGORODNIKOV, Yu.N., inzh.

Boring downcast shafts for rod-type timber. Shakht. stroi. 4 no.12:
12-15 D '60. (MIRA 13:12)

1. Leningradskiy gornyy institut.
(Mine timbering)

BOKIY, Boris Vyacheslavovich, prof.; ZIMINA Yekaterina Aleksandrovna, dots.; SMIRNYAKOV, Vitaliy Vasil'yevich, dots.; TIMOFEYEV, Oleg Vladimirovich, dots.; FEDOROV, S.A., prof., retsenzent; SHMELEV, A.I., red.izd-va; LOMILINA, L.N., tekhn. red.

[Mining engineering and mine supports] Provedenie i kreplenie gornyykh vyrabotok. [By] B.V.Bokii i dr. Moskva, Gosgortekhizdat, 1963. 557 p. (MIRA 17:2)

TIMOFEYEV, O. V., kand. tekhn. nauk; OGORODNIKOV, Yu. N., inzh.

Supporting development workings in mines of Safanovo deposit
under loose rock conditions. Izv. vys. ucheb. zav.; gor. zhur.
5 no.8:45-52 '62. (MIRA 15:10)

1. Leningradskiy ordenov Lenina i Trudovogo Krasnogo Znameni
gornyy institut imeni G. V. Plekhanova. Rekomendovana kafedroy
stroitel'stva gornyykh predpriyatiy.

(Safanovo region(Smolensk Province)—Mine timbering)

TIMOFEYEV, O. V., Cand Tech Sci -- (diss) "Study of the crushing of rocks by a great shearing force in impact loading." Len, 1957. 17 pp (Min of Higher Education, Len Order of Lenin and Order of Labor Red Banner Mining Inst im G. V. Plekhanov, Chair of ^(Construction of) ~~Building~~ Mining Enterprises), 125 copies (KL, 1-58, 119)

- 66 -

TIMOFEEV, O.V., Zemt. nauk. radk

Method of calculating losses for net expansion coeff. *Stroitel. st. st.*
8 no.7:18-20 J1 1964. (PND 17.11)

L. Leningradskiy gornyy institut.

TIMOFEYEV, O.V.

Breaking rock in large chips under shock loads. Zap.Len.gor.
inst. 36 no.1:156-168 '58. (MIRA 12:4)
(Mining machinery)

SEMEVSKIY, Vladimir Nikolayevich, prof., doktor tekhn. nauk;
VOLZHSKIY, Vladlen Mikhaylovich, gornyy inzh.;
TIMOFEYEV, Oleg Vladimirovich, dots., kand. tekhn. nauk;
SHIROKOV, Anatoliy Pavlovich, kand. tekhn. nauk;
KRAVCHENKO, Grigoriy Ivanovich, kand. tekhn. nauk;
CHUKAN, Boris Karpovich, kand. tekhn. nauk; ETINGOV,
Semen Isayevich, gornyy inzh.; NESTERENKO, G.T., kand.
tekhn. nauk, retsenzent

[Rod bolting] Shtangovaya krep'. Moskva, Nedra, 1965.
327 p. (MIRA 18:7)

1. Zaveduyushchiy kafedroy Leningradskogo gornogo instituta im. G.V.Plekhanova (for Semevskiy). 2. Leningradskiy gornyy institut im. G.V.Plekhanova (for Volzhskiy, Timofeyev).
3. Kuznetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Shiroko.).

PROCESSES AND PROPERTIES INDEX

TIMOFEYEV, P. U

CA

Investigation of the time lag of gas-filled photoelectric cells. I. Kvartskhava and P. Timofeev. *Tech. Phys. U. S. S. R.* 1, 460-78 (1934) (in English); *J. Tech. Phys. (U. S. S. R.)* 4, 1698-1700 (1934) (in Russian). Time lag is due to the time of passage of the positive ions between electrodes. A theory is developed to explain the lesser time lag of Ca than of K cells. Argon-filled cells should have a lower time lag than He- or Ne-filled cells. F. H. R.

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

GROUPS

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

100 AND 4TH CODES

117 AND 2ND CODES

PROCESSES AND PROPERTIES INDEX

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3095. Secondary Electron Emission from Complex Cathodes of Rb and K. P. Timofeyev and A. Pjatniski. *Techn. Phys., U.S.S.R.* 4, 11-12, pp. 945-953, 1957. *In German.*—By the method previously applied to complex cathodes of Cs [see Abstract 2853 (1957)] it is shown that the secondary emission of Rb and K is less than that of Cs. It was found that the secondary emission of complex surfaces depends mainly upon the temperatures, but the extent of this effect in the case of clean metal surfaces was not investigated. A. G. Q.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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TIMOFEEV, P.

SA

A53dd

3006. Secondary Emission of Thin Films of Alkali Metals upon Au, Ag and Pt Substrates. A. Afanasjeva and P. Timofeev. *Tech. Phys., U.S.S.R.* 4, 11-12, pp. 953-960, 1937. *In German.*—The secondary emission of the alkali metal films is found to pass through a maximum as the thickness of the layer is increased. The increase in secondary emission compared with that of the substrate is only about 10%, whilst the photoelectric current is increased many times. It is concluded that the secondary emission is mainly governed, not by the work function of the surface film but by the structure of the underlying layers. Reduction of the work function only results in increased secondary emission when the two substrates have similar structures. In view of the results obtained the fundamental difference between the liberation of photoelectrons and secondary electrons is emphasized. A. G. O.

ASB-514 METALLURGICAL LITERATURE CLASSIFICATION

GROUPS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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khozyaystva.

(Uzberkistan--Flour mills)

TIMOFEEV, P., prepodavatel'

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equipment and metal structures by ship. Mor. flot 20 no.11:7-8 H
'60. (MIRA 13:11)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Corrosion and anticorrosives)

BOGDANOV, Nikita Alekseyevich; PUSHCHAROVSKIY, Yu.M., otv.red.; PEYVE, A.V., glavnyy red.; MARKOV, M.S., red.; MENNER, V.V., red.; TIMOFEYEV, P. P., red.; GALUSHKO, Ya.A., red.izd-va; RYLKINA, Yu.V., tekhn.red.; DOROKHINA, I.N., tekhn.red.

[Tectonic development of the Kolyma Massif and eastern Arctic in the Paleozoic.] Tektonicheskoe razvitie va paleozoe Kolymского mas-siva i Vostochnoi Arktiki. Moskva, 1963. 234 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.99). (MIRA 17:2)

1. Chlen-korrespondent AN SSSR (for Peyve).

TIMOFEYEV, P. [TSimafeeu, P.]

Glory and pride of our people. Rab. i sial. 36 no.1:6-7
Ja '60. (MIRA 13:5)

(Chekhov, Anton Pavlovich, 1860-1904)

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Natural reproduction of Scotch pine (*Pinus sylvestris* L.) from
seeds in the terraced part of the middle Dnieper valley. Ukr.
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1. Dnepropetrovskiy gosudarstvennyy universitet, kafedra geobotaniki.

MATVEYEV, N.M. [Matvieiev, M.M.]; TIMOFEYEV, P.A. [Timofieiev, P.O.]

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MATVEYEV, N.M. [Matveiev, M.M.], TIMOFEYEV, P.A. [Tymofeiev, P.O.]

Mutual effect of the seeds and seedlings of scotch pine and
some herbaceous plants. Ukr. bot. zhur. 21 no.6:42-45 '64.
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1. Kafedra geobotaniki Dnepropetrovskogo gosudarstvennogo
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TIMOFEYEV, O.V., inzh.

Results of investigations on the impact cutting of rocks. Transp.
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(Cutting tools)

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About the article "Increase cross sections of haulageways". Bezop. truda
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Stalingiproshakhta (for Timofeyev.).
(Mining engineering)

AUTHOR: Timofeyev, P.G., Professor SOV-25-56-8-51/61
TITLE: A New Geographical Calendar (Novyy geograficheskiy kalendar')
PERIODICAL: Nauka i zhizn', 1958, Nr 8, p 74 (USSR)
ABSTRACT: The Gosudarstvennoye izdatel'stvo geograficheskoy literatury (State Publishing Office for Geographical Literature) has started issuing a calendar "The Earth and People" intended for persons interested in geography. The article gives a short review of the book.
ASSOCIATION: Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy (Society for the Dissemination of Political and Scientific Knowledge)
1. Geography--USSR

Card 1/1

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countries/. Moskva, Gos. izd-vo, 1923, 347 p. 31 diags., fold. map.

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Economic geography of transportation; Transport facilities (p. 26-53.

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M: Tekhnika vozdušnogo flota (Air Fleet technique) (co-author) Moscow April 1941

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2. USSR (600)
4. Geology and Geography
7. The Problem of Utilizing the Volga-Akhtubin Area. I. S. Kuvshinov.
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9. [REDACTED] Report U-3081, 16 Jan. 1953. Unclassified.

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1928. 352 p. DLC: Unclass.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

BELOV, Aleksandr Ivanovich; TIMOFEYEV, P.G., kand. ekon. nauk,
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[Mathematical and economic calculations in agriculture]
Matematiko-ekonomicheskie raschety v sel'skom kho-
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[Faint, mostly illegible text, possibly bleed-through from the reverse side of the page]

ADDITIONAL INFORMATION

CHAPTER 10 (abridged)

Chapter 10: Basic information on vibration
Chapter 11: The effects of vibration on the human body
Chapter 12: The effects of vibration on the human body

- Appendix II. -- 319
- Appendix III. -- 329
- Bibliography -- 509

APPENDIX I

NO REF 507: 158

APPENDIX I

OTHER: 00

100
Page 2/2

DERBAREMDI'ER, M.I.; SEREBRENNIKOVA, K.I.; TERNOVSKIY, V.A.; Prim'mali
uchastiye; SHAROV, P.M.; NOVIKOV, L.Z.; LUR'YE, E.I.; PES'MEN,
M.K.; KARABIN, A.I. [deceased]; KOSTIN, L.I.; FROLOV, V.P.;
MEDVEDEV, F.V.; GELIMKHANOV, S.G.; BONDAR', V.G.; TIMOFEYEV,
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T.Ye.; NUDEL'MAN, V.G.

Gasification of mazut under pressure in a steam-oxygen blast.
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A.L. Yanshinym.

(Angara Valley—Geology, Stratigraphic)
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[Characteristics of the distribution and genesis of clay minerals in recent and old sea basins.] Zakonomernosti razmeshcheniia i genezis glinistykh mineralov v sovremennykh i drevnikh morskikh basseinakh. Moskva, Nauka, 1964. 287 p. (Akademia nauk SSSR. Geologicheskii institut. Trudy, no.1¹³). (MIRA 18:9)

1. Chlen-korrespondent AN SSSR (for Peyve).

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K.I., red.; MANNER, V.V., red.; TIMOFEYEV, P.P., red.
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PEYVE, A.V., akademik, glavnyy red.; KUZNETSOVA, K.I., red.;
MENNER, V.V., red.; TIMOFEYEV, P.P., red.

[Inoceramus and Cretaceous stratigraphy of the Pacific area.]
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[Gonophytens in the Riphean of the U.S.S.R. and their strati-
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1. TIMOFEYEV, P.P.
2. USSR (600)
4. Coal
7. Relation of genetic coal types to conditions of deposition, Izv. AN SSSR. Ser. geol. no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

TIMOFEYEV, P.P.; MIRONOV, S.I., akademik.

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1. Akademiya nauk SSSR (for Mironov). 2. Institut geologicheskikh nauk Akademii nauk SSSR (for Timofeyev).

(Tuva--Geology, Stratigraphic) (Geology, Stratigraphic--Tuva)

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1. Akademiya nauk SSSR (for Mironov).
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(Geology, Stratigraphic--Tuva autonomous region)

TIMOFEYEV, P.P.

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1. Predstavleno akademikom S.I.Mironovym.
(Donets basin--Geology, Stratigraphic) (Geology, Stratigraphic
--Donets basin)

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(Geology, Stratigraphic--Tuva Autonomus Province)

Timofeyev, P. P.
USSR/ Geology - Paleontology

Card 1/1 Pub. 22 - 41/53

Authors : Timofeyev, P. P.

Title : ~~Condition of formation of genetic types of coal and their connections with cycles - conditions leading to the accumulation of deposits in the Don River basin~~

Periodical : Dok. AN SSSR 102/4, 809-812, Jun 1, 1955

Abstract : Geological data are presented regarding the conditions which led to the formation of genetic types of coal in the Don River basin of the Ukraine. Thirteen USSR references (1940-1954). Table.

Institution :

Presented by : Academician S. I. Mironov, January 19, 1955

7.1.1958
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(Chadan--Geology, Stratigraphic)

BOTVINKINA, L.N.; ZHEMCHUZHNIKOV, Yu.A.; TIMOREYEV, P.P.; FEQFILOVA, A.P.,
YABLOKOV, V.S.; IL'INA, N.S., redaktor izdatel'stva; KISELEVA, A.A.,
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[Atlas of lithogenous type middle Carboniferous coal deposits in
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(Looms)

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1. Institut geologicheskikh nauk AN SSSR, Moskva.
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TIMOFEYEV, P.P.

Genetic classification of humus coals of the middle Carboniferous
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1. Geologicheskii institut Akademii nauk SSSR. Predstavleno
akademikom D.I. Shcherbakovym.
(Donets Basin--Coal geology)

AUTHOR: Timofeyev, P. P. SOV/20-120-5-49/67

TITLE: On the Age and the Structure of the Coal Bearing Jurassic Deposits of the Tuva (O vozraste i raschlenenii yurskikh uglenosnykh otlozheniy Tuvy)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 5, pp.1106-1109 (USSR)

ABSTRACT: It can be seen from the short survey of publications concerning the problem in question (Refs 2 - 4, 7 - 8, 14) that the mentioned deposits were either classified as Permian or Jurassic deposits. According to A. L. Losev (Refs 5, 6) the Middle Jurassic deposits have to be divided here (from below) into 4 series: a) elegestskaya, b) erbekskaya, c) saldamskaya and d) bomskaya. The first is considered to belong to the Lower Jurassic times according to its spore-pollen complex (according to N. A. Afanas'yeva). This is doubted by the author. He is rather of opinion that this series should be classified as Middle Jurassic (Bayos). Also the two further series (b and c) belong to the Middle Jurassic times according to their spore-pollen complex. G. G. Martinson found a rich fauna in these two series. The bomskaya series which

Card 1/3

SOV/20-120-5-49/67

On the Age and the Structure of the Coal Bearing Jurassic Deposits of the Tuva

forms the upper part of the Mesozoic in the Tuva has hitherto not been characterized faunally. The author assumes that granted certain conditions it belongs to the Upper Jurassic Lower Cretaceous age. The author raises an objection against distinguishing series b) and c) by A. L. Losev (Ref 6). Their alleged "migration" can be explained by the fact that it had been assumed without taking account of the general rules of sedimentation and coal accumulation in the intermountain downwarping of Tuva. The denotation of the coal beds by indices by A. L. Losev is based on the same erroneous principle. Thus, the division of the Jurassic deposits into three series was carried out incorrectly by Losev and it cannot be used. The mentioned strata are of complicated structure, of changeable facies and difficult to correlate even within the deposit. In spite of this fact they can be divided into two series on the basis of the facies: I. ulugkhenskaya (lower) and II. kzyzi'skaya (upper). The Ulug bed forms their boundary. The cycle with the Ulug bed is an uninterrupted and marking zone through the major part of the Tuva district. It reflects an upheaval in the history of the coal bearing formation. At places, where for whatever reason it may be, the separation

Card 2/3

SOV/20-170-5-49/67

On the Age and the Structure of the Coal Bearing Jurassic Deposits of the Tuva

of the two mentioned series is impossible the author regards the coal bearing layers as a whole and calls them tuvinskaya series. There are 14 references, 14 of which are Soviet.

ASSOCIATION: Geologicheskii institut Akademii nauk SSSR
(Institute of Geology, AS USSR)

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1. Geological age--Determination 2. Coal--Geology

Card 3/3

TIMOFEYEV P. P.

ZHEMCHUZHNIKOV, Yu.A.; YARLOKOV, V.S.; BOGOLYUBOVA, L.I.; BOTVIKINA, L.N.;
FEOFILOVA, A.P.; RITENBERG, M.I.; TIMOFEYEV, P.P.; TIMOFEYEVA, Z.V.;
KROPOTKIN, P.N., red.izd-va; SHEVCHENKO, G.M., tekhn.red.

[Structure and factors determining the accumulation of basic coal-bearing series and layers in the central Carboniferous of the Donets Basin. Part 1.] Stroenie i uslovia nakoplenia osnovnykh ughlenosnykh svit i ugol'nykh plastov srednego karbona Donetskogo basseina. Moskva, Izd-vo Akad. nauk SSSR, 1959. 331 p. (Akademiia nauk SSSR, Geologicheskii institut. Trudy, no.15)

(MIRA 12:6)

(Donets Basin--Coal geology)

3 (5)

AUTHOR:

Timofeyev, P. P.

SOV/20-126-5-44/69

TITLE:

Some Peculiarities in the Geological Evolution of the Tuva During the Middle and Upper Paleozoic and the Mesozoic (O nekotorykh osobennostyakh geologicheskogo razvitiya Tuvy v srednem i verkhnem paleozoye i mezozoye)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 5, pp 1071 - 1074 (USSR)

ABSTRACT:

In a structural respect, the Tuva represents a complicated fold-lump area. The West-Sayan structures of the Caledonian period, and the structures of the south-east Tuva of the Salairskiy period, collide in its region. The boundary between them is formed by the complicated zone of the Sayano-Tuvinskiy depth fracture. The zone (area) mentioned in the beginning is heterogeneous and can be divided into 2 subzones which are separated by the Ubsunur-Biykhemskiy Caledonian depth fracture (Refs 2-4). An eastern subzone appears as an elevated East-Tuvinskiy massive. Its foundation is deeply denuded. This massive includes the East-Tuvinskoye mountain area and the Tannu-Ola massive. The western part of the Tuva fold-lump zone suffered a certain depression in the Ordovician or immediately before the Silurian

Card 1/3

Some Peculiarities in the Geological Evolution of the Tuva During the Middle and Upper Paleozoic and the Mesozoic SOV/20-126-5-44/69

along the Ubsunur-Biykhemskiy depth fracture. Consequently, it was individualized as West-Tuvinskiy depressed massive; it has an old Cambrian foundation and sharply distinct overlying sediments. While the West-Tuvinskiy massive was depressed, the West-Sayanskaya zone was lifted. On the spot of the former massive, an extensive deflection was formed, on the type of which individual investigators disagree (Refs 3,4). At present, 5 structural stories can be separated out in the paleozoic and mesozoic of the Tuva: 1) Cambrian foundation, 2) Ordovician, 3) Silurian and Devonian, 4) Carboniferous, 5) Middle-Jurassic as well as upper-Jurassic and Cretaceous sediments of the Bomskaya suite. The rocks participating in the deflection principally form the 3rd and 4th stories. Also the boundaries of the deflection are drawn in disagreement by individual investigators (Refs 3,4). On the basis of the analysis of facial distribution, the author is convinced that its original field of evolution extended much farther to the east of Tuva. Besides, the history of the sea once situated here and of the deflection is discussed. Special attention is paid to the middle-Jurassic carbonace-

Card 2/3

Some Peculiarities in the Geological Evolution of the Tuva During the Middle and Upper Paleozoic and the Mesozoic SOV/20-126-5-44/69

ous sediments. In the middle Jurassic, a peculiar carbonaceous formation developed which was bound to a certain structural zone, the Tuvinskiy deflection between mountains. The further history of evolution of the deflection effected that tectonic motions of various kinds, combined with erosion processes, decomposed, up to the present, the field of carbonaceous middle-Jurassic sediments, which had been rather uniform until the end of the mesozoic, into individual isolated parts. Some of them were depressed (the central part of the Ulugkhemskiy Basin), while others were elevated up to a certain height (Serlighemskaya carbonaceous surface). There are 12 Soviet references.

ASSOCIATION: Geologicheskii institut Akademii nauk SSSR (Geological Institute of the Academy of Sciences, USSR)

PRESENTED: January 16, 1959, by N. S. Shatskiy, Academician

SUBMITTED: January 21, 1959
Card 3/3

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